

AMENDMENTS TO CLAIMS

1. (Currently Amended) A secure data processing device, the device comprising:

a secure function module configured to receive an ~~excluding~~ computing module context, and to transact ~~a secure functions~~ with an ~~excluding~~ computing module in which the secure function module receives the ~~excluding~~ computing module's context;

the secure function module further configured to receive a non-conforming computing module context, and to transact secure functions with a non-conforming computing module in which the secure function module receives the non-conforming computing module's context;

a communication module configured to communicate with the ~~a ~~excluding~~ first~~ computing module, the ~~excluding first~~ computing module configured to exclusively transact the secure function with the secure function module, the communication module further configured to communicate with the ~~a non-conforming second~~ computing module, the ~~non-conforming second~~ computing module configured to transact the secure function with the secure function module; and

a context module configured to set the context of the secure function module to the ~~excluding first~~ computing module context and, to set the context of the secure function module to the ~~non-conforming second~~ computing module context.

2. (Currently Amended) The device of claim 1, wherein context module is configured to set the context of the secure function module to either the first ~~excluding~~ computing module context or the second ~~non-conforming~~ computing module context.

3. (Original) The device of claim 1, wherein context module is configured to set the context of the secure function module to the first computing module context and to the second computing module context.

4. (Currently Amended) The device of claim 1, wherein context module is configured to arbitrate the setting of the context of the secure function module to the ~~first~~ excluding computing module context and to the ~~second~~ non-conforming computing module context.

5. (Original) The device of claim 1, wherein the context module is configured to set the context of the secure function module responsive to an electrical signal.

6. (Currently Amended) The device of claim 5, 4, wherein the electrical signal is an address.

7. (Original) The device of claim 1, wherein the context module is configured to set the context of the secure function module responsive to data communicated to the communication module.

8. (Currently Amended) A computing module, the module comprising:
- an identification module configured to identify an excluding computing module to a secure computing module and set the context of the secure computing module to an excluding computing module context, ~~wherein identifying the computing module to the secure computing module sets the context of the secure computing module to the computing module context;~~

the identification module further configured to identify a non-conforming computing module to the secure computing module and set the context of the secure computing module to a non-conforming computing module context;

an address module configured to address a secure function of the secure computing module; and

a data module configured to exchange data with the secure computing module.

9. (Original) The module of claim 8, the identification module further configured to identify the computing module with an address communicated from the address module.

10. (Original) The module of claim 8, the identification module further configured to identify the computing module with data communicated from the data module.

11. (Original) A secure data processing system, the system comprising:
- a secure computing module configured to identify a computing module responsive to the computing module initiating transacting a secure function with the secure computing module, the secure computing module further configured to set the context of the secure computing module to the computing module context, wherein the secure computing module is configured to transact the secure function with the computing module;
 - an excluding computing module configured to initiate transacting the secure function with the secure computing module, the excluding computing module further configured to exclusively transact the secure function with the secure computing module; and
 - a non-conforming computing module configured to initiate transacting the secure function with the secure computing module, the non-conforming computer module further configured to transact the secure function with the secure computing module.
12. (Original) The system of claim 11, wherein either the excluding computing module or the non-conforming computing module transacts the secure function with the secure computing module.
13. (Original) The system of claim 11, wherein the excluding computing module and the non-conforming computing module transact the secure function with the secure computing module.
14. (Original) The system of claim 11, wherein the secure computing module identifies the computing module from an electrical signal.

15. (Original) The system of claim 14, wherein the electrical signal is an address.
16. (Original) The system of claim 11, wherein the secure computing module identifies the computing module from a data value.
17. (Currently Amended) A computer readable storage medium comprising computer readable code executable by a digital processing apparatus, the computer readable code configured to:
- identify a computing module as an excluding computing module if the computing module is an excluding computing module;
 - identify the computing module as a non-conforming computing module if the computing module is a non-conforming computing module;
 - set a secure computing module to an excluding computing module context if the computing module is an excluding module and a non-conforming computing module context if the computing module is a non-conforming computing module; and
 - transact a secure function between the secure computing module and the computing module, wherein the transaction is restricted to a secure function and sensitive data of the computing module context.
18. (Canceled)

19. (Original) The computer readable storage medium of claim 17, further comprising computer readable code configured to identify the computing module as the computing module initiating the secure function transaction.

20. (Original) The computer readable storage medium of claim 17, further comprising computer readable code configured to arbitrate the setting of the context of the secure computing module between a first identified computing module and a second identified computing module.

21. (Original) The computer readable storage medium of claim 17, further comprising computer readable code configured to identify the computing module responsive to an electrical signal.

22. (Original) The computer readable storage medium of claim 17, further comprising computer readable code configured to identify the computing module responsive to an address.

23. (Original) The computer readable storage medium of claim 17, further comprising computer readable code configured to identify the computing module responsive to a data value.

24. (Currently Amended) A secure computing method, the method comprising:
- identifying a computing module as an excluding computing module if the computing module is an excluding computing module;
 - identifying the computing module as a non-conforming computing module if the computing module is a non-conforming computing module;
 - setting a secure computing module to an excluding computing module context if the computing module is an excluding module and a non-conforming computing module context if the computing module is a non-conforming computing module; and
 - transacting a secure function between the secure computing module and the computing module, wherein the transaction is restricted to a secure function and sensitive data of the computing module context.
25. (Canceled)
26. (Original) The method of claim 24, further comprising initiating the transacting of the secure function.
27. (Original) The method of claim 24, further comprising arbitrating the setting of the secure computing module context between a first computing module and a second computing module.
28. (Original) The method of claim 24, wherein the computing module is identified from an electrical signal.

29. (Original) The method of claim 24, wherein the computing module is identified from a data value.

30. (Currently Amended) An apparatus for secure computing, the apparatus comprising:

means for identifying a computing module as an excluding computing module if the computing module is an excluding computing module;

means for identifying the computing module as a non-conforming computing module if the computing module is a non-conforming computing module;

means for setting a secure computing module to ~~a computing module~~ an excluding computing module context if the computing module is an excluding module and a non-conforming computing module context if the computing module is a non-conforming computing module; and

means for transacting a secure function between the secure computing module and the computing module, wherein the transaction is restricted to a secure function and sensitive data of the computing module context.